1	UTIL	ITY	Attor	ney Docket No.	19226/2191 (R-5770)			
PATENT APPLICATION				nventor	Szyperski			
TRANSMITTAL				A METHOR				
(Only for new nonprovisional applications under 37 CFR 1.53(b))				Title A METHOD OF USING G-MATRIX FOURIER TRANSFORMATION NUCLI				
				MAGNETIC	C RESONANCE (GFT NMR)			
			1	SPECTROS	COPY FOR RAPID CHEMICAL			
				SHIFT ASSI	GNMENT AND SECONDARY			
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i				PROTEINS	E DETERMINATION OF			
L			F		EV139569405US			
	APPLICATION	NELEMENTS	Expres	s Mail Label No.				
See MPEP chante			l A	ADDRESS TO:	Mail Stop Patent Application Commissioner for Patents			
	ooo concerning uni	ity patent application cont	tents.		P.O. Box 1450			
1. 🗷 Fee Trans	smittal Form (e.g., PT	O/SB/17)			Alexandria, Virginia 22313-1450			
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See 37 CF	claims small entity st	tatus.		Compater P	TOPTAM (Annendix)			
3. E Specificat		n 105 :		(if applicable, a	or Amino Acid Sequence Submission			
(preferred arr	angement set forth below)	Pages 137]		a. Computer	r Readable Form (CDE)			
- Descr	iptive title of the inve	ntion		o. Specification	Sequence Listing on			
- Cross	Reference to Related	Applications (if applicable	e)	i. 📙 CD-	-ROM or CD-R (2 copies: or			
Juiton	nent Regarding Fed sp ence to sequence listin	Managered D & D etc.	ible)	ii. 🖵 pape	er			
oracc	mputer program listir	10 annendiv GC		c. Statements verifying identity of above copies				
Duckg	vullu of the invention	n	′ <u> </u>	ACCOMPANYING APPLICATION PARTS				
- Brief I	Summary of the Invention of the Dra	tion	9.	9. Assignment Papers (cover sheet & document(s))				
- Detaile	a Description	wings (if filed)	10					
- Claim(s)		1	(when there is an assigned)				
4. E Drawing(s)	ct of the Disclosure		11	11. L English Translation Document (if applicable)				
 Oath or Declara 		[Total Sheets 30]	12	12. Information Disclosure				
		[Total Pages 2]	12	Statement (I	DS //P1O-1449 Citation -			
b. 🗷 Unsign	executed (original or	сору)	13	13. Preliminary Amendment				
			14	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
				15. Constitute of Specytically itemized) 15. Constitute of Specytically itemized) 15. Constitute of Specytically itemized)				
. U DE	(for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S)				(If foreign priority is claimed)			
Sigi	ned statement attacher	deleting inventor(a)	16.	16. U Nonpublication request under 35 H S C				
Han	icu ili die prior applica	ation, see 37 CFR	1	124(0)(2)(B)	(1). Applicant must attach form			
. Application	(d)(2) and 1.33(b) Data Sheet. See 37 C	TD 4 ==	17	PTO/SB/35 or its equivalent. 17. Other:				
8. If a CONTINU	ING APPLICATION	FR 1.76		– Oald				
r in an Application	Data Sheet under 37	, cneck appropriate box, a: CFR 1.76:	nd supply the req	uisite information	a below and in a preliminary amendment,			
☐ Continuation	Divisional	Continuation-in-part (
Prior application info	rmation:		o (f prior application N	o.:/			
OF CONTINUATION	OP DIVISION AT A	Examiner		Group / Art Unit:				
ox 5b, is considered a	part of the disclosure o	'S only: The entire disclosur	re of the prior app	lication for				
corporation can only	be relied upon when a p	f the accompanying continuation has been inadvertent	ation or divisional ly omitted from ti	application and is l	hereby incorporated by reference. The			
		19. CORRESPO			ation parts.			
Customer Number of	r Bar Code Label							
				or I	Correspondence address below			
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ame	TN:							
	Nixon Peabody LL Clinton Square, P.C	P 21051						
dress	Santon Square, P.C	7. BOX 31051						
у	Rochester	State	NY					
untry	USA	Telephone	(585) 263-1508	Zip C	11003 1031			
me (Print/Type)				====-	Fax (585) 263-1600			
··· (1 mio 1 ype)	Alice Y. Choi	Registration	No. (Attorney/	Agent) 15 75	1) 45,758			
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FEE TRANSMITTAL

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FEE TRANSMITTAL	Application Number	To Be Assigned		
FOR FY 2003	Filing Date	Herewith		
D	First Named Inventor	Szyperski		
Patent fees are subject to annual revision.	Examiner Name	To Be Assigned		
pplicant claims small entity status. See 37 CFR 1.27	Art Unit			
AMOUNTEOF		To Be Assigned		
(\$)1,326	Attorney Docket No.	19226/2191 (R-5770)		
METHOD OF PARIS		(===,0)		

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)						
Check Credit Card Money Other None			e 3.	3. ADDITIONAL FEES						
Order Deposit Account:			1	Large Entity Small Entity						
Deposit Account 14-1138			Fee	Fee		Fee	_			
- [Number				Code	e (\$)	Code		Fee Description	
					1051 1052	130 50	1	65	and thing lee of oath	
ı	Deposit							25	Surcharge - late provisional filing fee or cover sheet	
	Account Name	Nixon Po	eabody LLP		1053	130	1	130	Non-English specification	
The Commissioner is authorized to: (check all that apply)			1812 1804	2,520		2,520	For filing a request for ex parte reexamination	ļ		
ΙË	Charge fee	(c) indicated by			1	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s)			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner	 		
					1251	110	2251	55	action Extension for reply within first month	
		tified deposit ac	low, except for the filing f	ee	1252	410	2252	205	Extension for reply within second month	
\vdash			CALCULATION		1253	930	2253	465	Extension for reply within third month	
1.	BASIC FILI	ING FEE	CALCULATION		1254	1,450	2254	725	Extension for reply within fourth month	
Lar	ge Entity	Small Entity	у		1255	1,970	2255	985	Extension for reply within fifth month	
Fee Cod		Fee Fee	Fee Description		1401	320	2401	160	Notice of Appeal	
	- (0)	Code (\$)		Fee Paid	1402	320	2402	160	Filing a brief in support of an appeal	
1001	750	2001 375	Utility filing fee	375	1403 1451	280 1,510	2403	140	Request for oral hearing	
1002	330	2002 165			1452	110	1451 2452	1,510 55	Petition to institute a public use proceeding	
1003	520	2003 260	Plant filing fee		1453	1,300	2453	650	Petition to revive – unavoidable	
1004	750	2004 375	Reissue filing fee		1501	1,300	2501	650	Petition to revive – unintentional	
1005	160	2005 80	Provisional filing fee		1502	470	2502	235	Utility issue fee (or reissue) Design issue fee	
1		CIID	FOTAL (1)		1503	630	2503	315	Plant issue fee	
ł		SUB	FOTAL (1) (\$) 375		1460	130	1460	130	Petitions to the Commissioner	
2. EXTRA CLAIM FEES FOR LITTLE FOR			1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from			1806	180	1806	180	Submission of Information Disclosure Stmt			
Total	Claims 93	-20** =	xtra Claims below	Fee Paid	8021	40	8021	40	Recording each patent assignment per pro-	
	<u></u>		73 X 9 =	657	1809	750	2809	375	(times number of properties) Filing a submission after final rejection	
Indepe Claim:		-3**=	7 X 42 =	294	1810	750	2810	375	(37 CFR 1.129(a))	
Multip	le Dependent		X	0	1801	75.0	2001		For each additional invention to be examined (37 CFR 1.129(b))	
Large	Entity	Small Entity			1001	750	2801	375	Request for Continued Examination (RCE)	
Fee	Fee	Fee Fee	Fee Description		1802	900	1802	900	Request for expedited examination of a design	
Code 1202		Code (\$)			Other fee	(cpecifi			application application	
1202		2202 9 2201 42	Claims in excess of 20	1		(specify)	,			
	•	2201 42	Independent claims in ex-							
		2203 140	Multiple dependent claim	s ii not paid	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0					
1204	84 2	204 42	** Reissue independent c	laims over						
1205 18 2205 original patent				CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being:						
		CI	over original patent		deposited with the United States Postal Service on the date shown below with sufficient					
**or	number previo	ously paid, if or	UBTOTAL (2) (\$) 951							
**or number previously paid, if greater, For Reissues, see above				Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 transmitted by facsimile on the data chough believe to the d						
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			- J.C	<u> </u>					Date Queles 11, 20	75 3

DOCKET NO.:

19226/2191 (R-5770)

APPLICANT(S):

Thomas A. Szyperski, Seho Kim and Hanudatta S. Atreya

TITLE:

A METHOD OF USING G-MATRIX FOURIER TRANSFORMATION NUCLEAR MAGNETIC RESONANCE (GFT NMR) SPECTROSCOPY FOR RAPID CHEMICAL SHIFT ASSIGNMENT AND SECONDARY

STRUCTURE DETERMINATION OF PROTEINS

Certificate is attached to the Specification, Claims, and Abstract (137 pages) and the UNSIGNED Combined Declaration and Power of Attorney (2 pages) of the above-named application.

"EXPRESS MAIL" NUMBER:

EV139569405US

DATE OF DEPOSIT:

July 11, 2003

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Ruth R. Smith
(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper

DOCKET NO.:

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Certificate is attached to the Drawings (30 sheets) of the above-named application.

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STRUCTURE DETERMINATION OF PROTEINS

Certificate is attached to the Fee Transmittal for FY 2003 (1 page) of the above-named application.

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Ruth R. Smith

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TITLE:

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STRUCTURE DETERMINATION OF PROTEINS

Certificate is attached to the **Utility Patent Application Transmittal Letter (1 page) in duplicate** of the above-named application.

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Ruth R. Smith

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